

Summary of DEQ's Proposed 303(d) Action's Regarding Water Temperature

Listed below are selected waters in Idaho that the Department of Environmental Quality (DEQ) has determined should be removed from the current 303(d) list, or not listed, for temperature as a pollutant. Reason's for delisting or not listing include:

- 1) Data quality did not meet minimums in Idaho's Waterbody Assessment Guidance II, i.e. more than a single grab sample temperature measurement is needed to judge impairment;
- 2) Frequency of exceedance less than assessment threshold, Idaho's WBAGII allows up to 10% exceedance of certain numeric criteria, including temperature, if the bio-assessment indicators are good;
- 3) Idaho WQS natural background provisions, and allowable de-minimus T increase of 0.3°C are met;

DEQ's proposed action varies depending on whether a water is currently listed or not, and whether there are other causes of impairment, which would cause a water to be listed, though not for temperature. The following three tables organize the selected waters by the type of action taken, and list the applicable reasons enumerated above.

Table 1. Waters in Idaho currently listed for temperature for which that Idaho proposes temperature be dropped as a pollutant either because; 1) the temperature data used for listing was insufficient, or 2) the human caused impairment is below allowable temperature increase. Since these waters are only listed for temperature they should be removed from the 303(d) list.

Stream name	WBID	On 1998 303(d) List (Yes/No)	Listing Data Source	Reason for Removing Temperature from listing
Worm Creek	16010202BR005	Yes	DEQ	Data quality, single temperature measurement
Santa Creek	17010304PN010	Yes	DEQ	Data quality, single temperature measurement
Hot Creek	17040213SK012	Yes	DEQ	Data quality, single temperature measurement
Lochsa River	17060303CL001,00 3,008,008,013,020	Yes	USFS	Less than de-minimus increase, HDR Modeling Report

Table 2. Waters in Idaho currently 303(d) listed which Idaho proposes be removed from the list because there are no human causes of impairment.

Stream name	WBID	On 1998 303(d) List (Yes/No)	Listing Data Source(s)	Reason for Delisting
Boulder Creek	17060303CL010	Yes	USFS	apriori natural
Fish Creek	17060303CL052... 057	Yes	USFS	apriori natural
Holly Creek	17060303CL009	Yes	USFS	apriori natural

Storm Creek	17060303CL032	Yes	USFS	apriori natural
Smithie Fork	17040217SK017	Yes	USFS, DEQ	apriori natural

Table 3. Waters in Idaho that were considered for 303(d) listing but were not listed.

Stream name	WBID	On 1998 303(d) List (Yes/No)	Data Source(s)	Reason for Not Listing
Running Creek	17060301CL008 ... 012	No	DEQ	apriori natural, less than 10% exceedance
Bear Creek	17060301CL047 ... 055	No	DEQ, USGS	apriori natural
Moose Creek	17060302CL026 ... 047	No	DEQ, USGS	apriori natural
Selway River	17060301CL001,00 4,014,022 & 17060302CL001, 006,022	No	DEQ, USFS	apriori natural, less than 10% exceedance
Indian Cr	17060205SL006	No	DEQ	apriori natural, less than 10% exceedance
Big Creek	17060206SL003 ... 016	No	DEQ	apriori natural, less than 10% exceedance
MF Salmon	17060205SL001 17060206SL001	No	DEQ, USFS	apriori natural, less than 10% exceedance

The above three lists are not comprehensive. They are a selection of waters that have been chosen because they qualify for one or more reason as not known to be impaired for temperature. Idaho reserve's the right to propose additional waters be removed from the 303(d) list, or not listed, for these reasons in the future.

Attached are several support documents:

- A) Report by HDR on modeling of water temperatures in the Lochsa River.
- B) Spreadsheet summarizing information on the limited extent of human activity in watersheds identified as a priori natural.
- C) Maps of watersheds identified as a priori natural.
- D) Summaries of temperature data showing less than 10% exceedance of Idaho's cold water aquatic life criteria.